

Notice of Allowability

Application No.

10/004,830

Examiner

Davetta W. Goins

Applicant(s)

JETZT, JOHN J.

Art Unit

2632

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed 30 December 2004.
2. ☒ The allowed claim(s) is/are 1-69.
3. ☒ The drawings filed on 18 January 2002 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying Indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Davetta W. Goins
Primary Examiner
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DETAILED ACTION

Allowable Subject Matter

1. Claims 1-69 are allowed.
2. The following is an examiner's statement of reasons for allowance: Jackson et al. (US Pat. 6,546,494 B1) discloses a system for providing power to a device over a network; the system comprising switch/router 14 used to supply power and data signals to the device 16 (PC, IP telephone, small appliance) (col. 2, lines 13-29). Specifically, device 14 receives AC power and converts it to DC power to provide the network device 16 with minimal power. After an initial power pulse is sent to operate device 16, a controller 24, within switch/router 14, determines whether the device 16 should receive more power by measuring an amount of differential voltage across sense resistor 62 (which, as defined in Ohm's law, corresponds to an amount of current that device 16 is drawing), and outputs a voltage level" signal to the controller that is indicative of this differential voltage. The controller 24 may also determine if device 16 is receiving power from another source by measuring the polarity of the voltage across sense circuit 34 produced when the initial power pulse is supplied. A negative polarity relative to the voltage produced when current is provided from power supply 28, indicates that device 16 is receiving power from another source. However, although Jackson et al. discloses a means for providing power to a network device and a means for determining how much power to provide to the device, he does not disclose nor do any other prior art of record disclose in their entirety the claimed device for providing power to a network-based device comprising a first circuit adapted in a first mode of operation to provide a differential voltage based on input signals of opposite polarity received from a first pair of network pathways and in a second

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mode of operation to contribute to the provisioning of a common voltage based on input signals of a first polarity received from the first pair of pathways; and a second circuit adapted in a first mode of operation to supply the differential voltage based on input signals of opposite polarity received from a second pair of network pathways and in a second mode of operation to contribute to the provisioning of the common voltage based on input signals of a second polarity received from the second pair of pathways..

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Davetta W. Goins whose telephone number is 571-272-2957.

The examiner can normally be reached on Mon-Fri with every other Fri. off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Daniel Wu can be reached on 571-272-2964. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

DAVETTA W. GOINS
PRIMARY EXAMINER



D.W.G.
May 26, 2005

Davetta W. Goins
Primary Examiner
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